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2 ALLEGHENY COUNTY DEPARTMENT OF HEALTH AIR QUALITY DEPARTMENT 3 RECEIVED 4 PUBLIC HEARING 5 SEP 0 1 2017 6 The Proposed Issuance of 7 the Merged Installation Permits to Meet the 2010 One-Hour Sulfur Dioxide 8 National Ambient Air Quality Standards 9 (NAAQS) 10 11 BEFORE: Chairwoman Sandra Etzel 12 13 DATE: August 24, 2017 Thursday, 6:00 p.m. 14 15 Allegheny County Department 16 LOCATION: Of Health 3301 Thirty-Ninth Street 17 Building 7 Pittsburgh, PA 15201 18 19 REPORTED BY: Kristina Kozlowsky 20 Ref. No. KK46326 21 22 23

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(Whereupon, the within proceedings were convened as follows:)

CHAIRWOMAN ETZEL: Good evening. My name is Sandra Etzel. I am head of the planning section in the Air Quality Program for the Allegheny County Health Department, and I will be chairing this hearing.

Public notice for this hearing appeared in the Pittsburgh Post-Gazette on July 24, 2017. We are here to receive testimony on proposed issuance of the merged installation permits to meet the 2010 one-hour sulfur dioxide national ambient air quality standards.

The permits are for the following facilities: The United States Steel Irvin Works, United States Steel Edgar Thomson Works, the Clairton Works, and Braddock Recovery.

This hearing is being recorded, and copies of the transcription record will be available for public inspection at the Allegheny County Health Department, Air Quality Program, Building 7, in the Clack

Health Center at 301 Thirty-Ninth Street, Pittsburgh, PA.

The first permit is the Irvin Works permit, and that's for changes to compliance with the one-hour standard for the NAAQS for the SO2. Changes will include the use of lower-sulfur coke oven gas fuel from Clairton Works.

Then there's the Edgar Thomson Works which is IP-6 which they're at Thirteenth Street and Braddock Avenue, Braddock, PA, and that's for the compliance with the one-hour NAAQS for SO2.

Changes include upgrading the flue gas system to improve dispersion from the existing boilers and use of lower-sulfur coke oven gas fuel from Clairton Works.

Then there's the Clairton Works,

IP-17. This is for compliance with the

one-hour NAAQS for SO2. The IP includes

increased monitoring and changes to the

desulfurization plant to increase efficiency,

providing lower-sulfur coke oven gas fuel to

both Irvin Works and Edgar Thomson Works.

Then there's the Braddock Recovery

Installation Permit No. 1. That's for changes to compliance with the one-hour NAAQS for SO2, and these changes include the use of lower-sulfur coke oven gas from Clairton Works.

The record will be open so that all written and oral comments received today,

August 24, 2017, may be incorporated into the public record. Oral testimony today should be limited to five minutes.

All comments received through August 24, 2017, whether oral or written, will be fully considered prior to final action being taken. All comments will be summarized together with a response from the Health Department and will be mailed to all parties participating in today's proceedings. For this reason, we request that everyone provide us with their name and their mailing address.

At this time, I will be happy to answer any general questions about today's proceedings before we begin to take public testimony. Are there any questions of a general nature?

Okay, are any registered speakers present?

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1	Okay, Mark, do you want to start?
2	MR. DIXON: Yeah. I'm going to
3	focus on myself here.
4	CHAIRWOMAN ETZEL: Oh, you can sit
5	at this table.
6	MR. DIXON: Sit right there or
7	there?
8	CHAIRWOMAN ETZEL: Yeah.
9	MR. DIXON: That might be easier,
10	sorry. Great.
11	All right, my name is Mark Dixon
12	here to comment on the proposed permits
13	especially relating to sulfur dioxide.
14	I love living in Pittsburgh, but we
15	all know this great city and the surrounding
16	Allegheny County have an air pollution
17	problem, so I'm grateful that you're
18	endeavoring to reduce sulfur dioxide exposure
19	in the region. It certainly could be
20	improved.
21	Take a look at a good day in
22	Pittsburgh according to the Smell Pittsburgh
23	app. This is a pretty good day. This is
24	August 8. Now take a look at a bad day, the
25	very next day, August 9th. I have small

pictures to submit on the record.

I count about eight additional extremely malodorous days on the Smell Pittsburgh app in August 2017 alone.

According to the persistence of odor reports like these, I fear that the famous malodorous portion of Article XXI of the Air Pollution Control Rules and Regulations has absolutely no teeth because nobody is willing to enforce it.

You mention it specifically in the Edgar Thomson draft installation permit, so I will refresh your memory with its language.

No person shall operate or allow to be operated any source in such manner that emissions of malodorous matter from such source are perceptible beyond the property line of such source.

And the original Article XXI states outside of that permit that malodorous means the property of an odor which causes annoyance or discomfort to the public and which the Department determines to be objectionable to the public. I point you back to this to whether it's objectionable to the public.

We also have a right to clean air per our state's constitution recently bolstered by a Pennsylvania Supreme Court decision. And that law originally was unanimously approved by the Pennsylvania House and Senate including those from coal regions over 40 years ago and voted for by Pennsylvanian citizens at a ratio of four to one.

The people have spoken informally and formally. We demand clean air, and we are not getting it. Why else would Smell Pittsburgh users submit smell descriptions like chemical, industrial, sulfur, rotten eggs, stench, burning, acrid, metallic, and stink?

Users note health impacts using words like headache, irritation, cough, sore throat, itchy, sneezing, shortness of breath, congestion, and nausea. And I have word clouds to submit for the record.

With complaints like these, I'm baffled by the persistent lack of resolution to this problem. Indeed, I was even awoken by that awful smell at 5:30 this very morning. I

got out of bed and quickly closed all of my windows to try to avoid the worst of it.

After countless inversions and years of fruitless complaints to you, the Allegheny County Health Department, I decided to purchase my own citizen science sensor to measure volatile organic compounds at my house.

I quickly found that when VOC levels spiked, I could usually smell a foul, acrid odor in the air. When VOC levels dropped, I could no longer smell anything.

Then I examined your claim that local odors are often present when there is a strong inversion and found that, sure enough, the VOC spikes at my house were highly correlated with the mixing height as reported by the National Weather Service.

I started to experiment with stink prediction and found that if I paid close attention to the mixing height and wind direction forecasts, I could generate a somewhat reliable prediction of whether or not I ought to open my windows at night. Although as you can see this morning, I got it wrong.

My criteria for predicting stink includes mixing height below about 300 feet and slow winds from the southeast or south southeast. Predictive power and intensity of the smell and VOC spikes seemed to increase with lower mixing heights and the aforementioned wind directions.

I live in Squirrel Hill South, so the Mon Valley and all of its industrial sources are to the southeast or south southeast.

The proposed 70-meter stack at Edgar Thomson concerns me, because at 230 feet, it falls 70 feet short of breaking through the mixing height that correlates with notable increases in stinky days.

Building tall stacks is not hard.

Wikipedia notes that the largest stack in 1835

was built in England to 312 feet. There is a

list of over 500 stacks taller than 400 feet

at the same page website at Wikipedia at many

places like the Czech Republic, Syria, Poland,

and Estonia. The largest stack recorded is

1377 feet in Kazakhstan.

Don't tell me that U.S. Steel,

No. 279 on the Fortune 500 List, can't reasonably afford to build a stack taller than 230 feet to protect area citizens.

I would like to conclude with one of the Gary principles originally shared by Judge Elbert Gary, first chairman of U.S. Steel. He said: We must put and keep ourselves on a platform so fair, so high, so reasonable that we will attract the attention and invite and secure the approval of all who know what we are doing.

I currently do not approve of the plan to reduce emissions. If U.S. Steel wants to hold itself to its own standards of good business, then it needs to do much better with this emissions reduction plan, and the very least that you can do at the Health Department is to hold U.S. Steel to its own standards of accountability.

Don't simply change the fuel blend and build a stack just tall enough that you might scrape by the bare minimum standard tolerated by some of the laws.

We have laws that are designed to prevent malodor. We have a constitutional

right to clean air. It passed unanimously in
the House and Senate. The people have spoken
with overwhelming clarity, frequency, and
legal force. We can no longer tolerate half
measures.
It's well past time to bring
Pittsburgh into the 21st century. We can and
must use innovative, industrial approaches to
eliminating the step in this great city once
and for all.
Thank you for your time and
consideration. I submit my comments to you.
CHAIRWOMAN ETZEL: Is your address
on them?
MR. DIXON: It's not. I have my
e-mail address on it. Would you like that?
CHAIRWOMAN ETZEL: That's fine.
E-mail is fine.
MR. DIXON: Great, thank you.
CHAIRWOMAN ETZEL: Okay, our next
speaker is Thurm.
MR. BRENDLINGER: These are my
comments here.
Hi, my name is Thurm Brendlinger,
and I am the energy project director for Clean

Air Council. Thank you for the opportunity to present testimony tonight.

Clean Air Council is one of the largest and oldest Pennsylvania-based environmental nonprofit organizations and has 8,000 paying members and almost 30,000 activists.

The Council has been working to protect everyone's right to breathe clean air for 50 years. The statement I will read was prepared with the assistance of Clean Air Council's legal team and engineers.

For the past several years, the

Council has worked to ensure that the major

sources of air pollution in Southwest

Pennsylvania, particularly those in Allegheny

County, are operating with current permits and

operating in compliance with the law.

In addition, the Council is interested in ensuring that the Allegheny County Health Department is adequately implementing the Title V program required under the Federal Clean Air Act.

Finally, the Council has followed developments with respect to air quality

planning by the Department. In all these areas, the opportunity to comment on proposed actions of the Department is very important to the public and the Council.

In this comment period, the

Department is proposing installation permits

for three U.S. Steel facilities and the

Braddock Recovery facility. The purpose is to

conform to the department's revised state

implementation plan for sulfur dioxide which

recently went through a public comment period

before submission to the Environmental

Protection Agency.

By e-mail later today, the Council will be filing more detailed written comments on these proposed permits. I will briefly summarize those comments now.

First, the Council believes the

Department should be doing more than merely
requiring compliance with emissions

limitations by the attainment date of October

4, 2018. That is over one year from now.

In the proposed revision of the state implementation plan and in these proposed permits, the Department does not hold

these facilities to milestone requirements before the attainment date.

While it is good the facilities are taking steps to reduce emissions of sulfur dioxide, it is important for the Department to impose requirements in advance of the attainment date given the complexity involved in coming into attainment.

These requirements should include more stringent stack testing, monitoring, inspection, and other requirements. For reasons set forth in our comments on the proposed plan revision, the failure to impose immediate controls violates the requirements of the Clean Air Act and EPA policy.

Second, the permits are not consistent in their requirements for reporting and noncompliance. For the Clairton and Irvin facilities, the permit requires quarterly reporting, but for the Edgar Thomson and the Braddock Recovery facility, the permit only requires semiannual reporting.

The Department should make the requirements consistent and hold all these facilities to the more stringent quarterly

reporting requirement.

Third, the proposed permits state that the facilities must continuously monitor for hydrogen sulfide. However, the language of the permits only requires the recording of hydrogen sulfide concentration once every 15 minutes.

Therefore, it does not appear factually accurate to say that the facility is being required to continuously monitor for hydrogen sulfide. The Department should delete references to the word continuously.

The Council will submit more detailed comments by e-mail. This work is critical in ensuring that public health and air quality are protected for residents of Allegheny County to the fullest extent possible.

Thank you for the opportunity to testify.

CHAIRWOMAN ETZEL: All right, is there anyone here who is also registered?

MS. REGAN: I am. I have more detailed comments, but can I submit that to you in an e-mail?

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1	CHAIRWOMAN ETZEL: You can read your				
2	comments now and then send additional ones				
3	later				
4	MS. REGAN: Okay.				
5	CHAIRWOMAN ETZEL: or you could				
6	not read your comments now.				
7	MS. REGAN: It's real brief.				
8	MR. DIXON: Are you okay being				
9	filmed?				
10	MS. REGAN: Yes.				
11	CHAIRWOMAN ETZEL: Okay, so tell us				
12	your name.				
13	MS. REGAN: Hi, my name is Annie				
14	Regan. I'm the Western PA Outreach				
15	coordinator at Penn Future.				
16	Penn Future is a state-wide advocacy				
17	organization working to transition				
18	Pennsylvania to a clean energy economy,				
19	protect the environment, and empower citizens				
20	to build sustainable committees for future				
21	generations.				
22	Penn Future, like many environmental				
23	and public health groups here tonight, demand				
24	that the Allegheny County Health Department				
25	require U.S. Steel to comply with emission				

1 limits for sulfur dioxide but ensure people's 2 right to clean air. 3 I've been working in communication with many Mon Valley residents who couldn't be 4 5 here tonight to fight for clean air and their 6 community. There are too many asthma and 7 cancer stories to share, and they cannot wait 8 another year for the installation of air 9 pollution control devices. We are due to expedite this process. 10 11 We also encourage you to increase inspections 12 and testing of pollution control equipment. 13 Thank you so much. CHAIRWOMAN ETZEL: Okay, is there 14 15 anyone else who did not register who would like to speak? 16 17 Okay, so since there's no additional testimony, this hearing is adjourned. 18 19 you. 20 21 (The proceedings were concluded at 6:20 p.m.) 22 23 24

CERTIFICATE

I, Kristina Kozlowsky, a Court Reporter and Notary Public in and for the Commonwealth of Pennsylvania, do hereby certify that the foregoing proceedings were taken at the time and place stated herein; and that the said proceedings were recorded stenographically by me and then reduced to printing under my direction, and constitutes a true record.

This 31st day of August, 2017.

Fristen J. Forbusky

Notary Public

COMMONWEALTH OF PENNSYLVANIA

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NOTARIAL SEAL

NOTARIAL SEAL

Kristina L. Kozlowsky, Notary Public

City of Erie, Erie County

City of Erie, Erie Nov. 15, 2020

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